...ORY AS PER ISO/IEC 17025:2005 Certificate No.: ...

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

EMB

Name of Work:Construction of Toilet at Shettyhalli Circle Near Shettyhalli Sub Division In Ward No.13

Sl No	Description of Items	No	L	B	D	Qty	Unit
1	**Earth work excavation for foundation of building** water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications						
	For Toilet Building						
	Column footing	8	1.95	1.95	1.80	54.76	
	South wall	1	12.10	0.90	1.00	10.89	
	west side wall	1	2.50	0.90	1.00	2.25	
	North & middle Ladies Toilet L/wall	2	3.30	0.90	1.00	5.94	
	Ladies Toilet b/n wall	2	0.65	0.75	0.75	0.73	
	wall b/n Gendes & ladies Toilet	1	4.50	0.90	1.00	4.05	
	Gendes Toilet b/n wall	1	0.65	0.75	0.75	0.37	
	Collection room L/w	1	4.50	0.90	1.00	4.05	
	wall b/n Gendes & school toilet , East	2	6.35	0.90	1.00	11.43	
	Gendes Toilet North wall	1	4.10	0.90	1.00	3.69	
	School toilet North wall	1	4.00	0.90	1.00	3.60	
	School toilet middle wall	1	6.35	0.75	0.75	3.57	
	School toilet b/n wall	4	0.65	0.75	0.75	1.46	
	School toilet b/n wall	1	1.50	0.75	0.75	0.84	
	Sump tank	1	3.00	2.40	2.50	18.00	
	For Water Supply Pipeline	1	30.00	0.75	0.90	20.25	
	For Sanitory Connection	1	40.00	0.75	0.90	27.00	
	Plat form	1	8.90	0.75	0.90	6.01	
	Plat form	1	6.10	0.75	1.90	8.69	
	Deduct For Column	-16	1.60	0.90	1.00	-23.04	
						164.54	**Cum**

18/05/2022

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

2	Providing and laying in position plain **cement concrete of mix 1:3:6 with OPC** cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification						
	For Toilet Building						
	Column footing	8	1.95	1.95	0.15	4.56	
	South wall	1	12.10	0.90	0.15	1.63	
	west side wall	1	2.50	0.90	0.15	0.34	
	North & middle Ladies Toilet L/wall	2	3.30	0.90	0.15	0.89	
	Ladies Toilet b/n wall	2	0.65	0.75	0.15	0.15	
	wall b/n Gendes & ladies Toilet	1	4.50	0.90	0.15	0.61	
	Gendes Toilet b/n wall	1	0.65	0.75	0.15	0.07	
	Collection room L/w	1	4.50	0.90	0.15	0.61	
	wall b/n Gendes & school toilet , East	2	6.35	0.90	0.15	1.71	
	Gendes Toilet North wall	1	4.10	0.90	0.15	0.55	
	School toilet North wall	1	4.00	0.90	0.15	0.54	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	School toilet middle wall	1	6.35	0.75	0.15	0.71	
	School toilet b/n wall	4	0.65	0.75	0.15	0.29	
	School toilet b/n wall	1	1.50	0.75	0.15	0.17	
	Sump tank	1	3.00	2.40	0.15	1.08	
	Plat form	1	8.90	0.75	0.15	1.00	
	Plat form	1	6.10	0.75	0.15	0.69	
	South Flogging	1	7.00	0.45	0.15	0.47	
	West Flogging	1	3.50	1.20	0.15	0.63	
	North Flogging	1	4.75	(2.20+0.70)/2	0.15	1.03	
	North Flogging	1	4.00	(2.20+0.30)/2	0.15	0.75	
	North Flogging	1	4.15	(2.20+0.45)/2	0.15	0.83	
	Ladies Toilet floor	1	3.90	3.00	0.15	1.76	
	Gends Toilet floor	1	5.00	4.00	0.15	3.00	
	School toilet Floor	1	6.90	2.95	1.15	23.41	
						47.49	**Cum**

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

3	Providing and constructing **granite /trap/ baslat size stone masonry in foundation** with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						
	Below Ground Level	1	12.10	0.75	0.40	3.63	
	South wall	1	2.50	0.75	0.40	0.75	
	west side wall	2	3.30	0.75	0.40	1.98	
	North & middle Ladies Toilet L/wall	2	0.65	0.60	0.40	0.31	
	Ladies Toilet b/n wall	1	4.50	0.75	0.40	1.35	
	wall b/n Gendes & ladies Toilet	1	0.65	0.60	0.40	0.16	
	Gendes Toilet b/n wall	1	4.50	0.75	0.40	1.35	
	Collection room L/w	2	6.35	0.75	0.40	3.81	
	wall b/n Gendes & school toilet , East	1	4.10	0.75	0.40	1.23	
	Gendes Toilet North wall	1	4.00	0.75	0.40	1.20	
	School toilet North wall	1	6.35	0.60	0.40	1.52	
	School toilet middle wall	4	0.65	0.60	0.40	0.62	
	School toilet b/n wall	1	1.50	0.60	0.40	0.36	
	School toilet b/n wall	1	8.90	0.60	0.40	2.14	
	Plat form	1	6.10	0.60	0.40	1.46	
	Plat form					0.00	
	above Ground Level	1	12.10	0.45	0.20	1.09	
	South wall	1	2.50	0.45	0.20	0.23	
	west side wall	2	3.30	0.45	0.20	0.59	
	North & middle Ladies Toilet L/wall	2	0.65	0.45	0.20	0.12	
	Ladies Toilet b/n wall	1	4.50	0.45	0.20	0.41	
	wall b/n Gendes & ladies Toilet	1	0.65	0.45	0.20	0.06	
	Gendes Toilet b/n wall	1	4.50	0.45	0.20	0.41	
	Collection room L/w	2	6.35	0.45	0.20	1.14	
	wall b/n Gendes & school toilet , East	1	4.10	0.45	0.20	0.37	
	Gendes Toilet North wall	1	4.00	0.45	0.20	0.36	
	School toilet North wall	1	6.35	0.45	0.20	0.57	
	School toilet middle wall						

Sl No	Description of Items	No	L	B	D	Qty	Unit
	School toilet b/n wall	4	0.65	0.45	0.20	0.23	
	School toilet b/n wall	1	1.50	0.45	0.20	0.14	
	Plat form	1	8.90	0.45	0.40	1.60	
	Plat form	1	6.10	0.45	0.20	0.55	
	Deduct For Column	-8	0.20	0.45	0.40	-0.29	
						29.45	**Cum**

Assistant Engineer 01/06/2020
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

4	**Providing ruled pointing to coursed stone masonry** with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications						
	Above ground level						
	South wall	1	12.10		0.40	4.84	
	west side wall	1	2.50		0.40	1.00	
	North & middle Ladies Toilet L/wall	2	3.30		0.40	2.64	
	Ladies Toilet b/n wall	2	0.65		0.40	0.52	
	wall b/n Gendes & ladies Toilet	1	4.50		0.40	1.80	
	Gendes Toilet b/n wall	1	0.65		0.40	0.26	
	Collection room L/w	1	4.50		0.40	1.80	
	wall b/n Gendes & school toilet , East	2	6.35		0.40	5.08	
	Gendes Toilet North wall	1	4.10		0.40	1.64	
	School toilet North wall	1	4.00		0.40	1.60	
	School toilet middle wall	1	6.35		0.40	2.54	
	School toilet b/n wall	4	0.65		0.40	1.04	
	School toilet b/n wall	1	1.50		0.40	0.60	
	Plat form	1	8.90		0.40	3.56	
	Plat form	1	6.10		0.40	2.44	
	Deduct For Column	-8	0.20		1.00	-1.60	
						29.76	**Sqm**

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

5	**Filling avaialble excavated earth** (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification				
			Qty as per lt 1	**164.54**	**Cum**

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Sl No	Description of Items	No	L	B	D	Qty	Unit
	Continued.....						
6	Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No.						
	Below Ground Level						
	For Column footing	8	1.80	1.80	0.75	19.44	
	Column pedastal	8	0.75	0.45	1.00	2.70	
	Plinth beam					0.00	
	South wall	1	11.60	0.20	0.45	1.04	
	west side wall	1	3.10	0.20	0.45	0.28	
	North & middle Ladies Toilet L/wall	1	4.05	0.20	0.45	0.36	
		1	4.05	0.15	0.45	0.27	
	Ladies Toilet b/n wall	2	1.20	0.15	0.45	0.16	
	wall b/n Gendes & ladies Toilet	1	5.00	0.20	0.45	0.45	
	Gendes Toilet b/n wall	1	1.20	0.15	0.45	0.08	
	Collection room S/w	1	1.60	0.15	0.45	0.11	
	Collection room L/w	1	2.05	0.15	0.45	0.14	
	wall b/n Gendes & school toilet , East	2	7.00	0.20	0.45	1.26	
	Gendes Toilet North wall	1	3.95	0.20	0.45	0.36	
	School toilet North wall	1	3.35	0.20	0.45	0.30	
	School toilet middle wall	2	7.00	0.15	0.45	0.95	
	School toilet b/n wall	4	1.20	0.15	0.45	0.32	
	School toilet b/n Boys And girl wall	1	1.65	0.20	0.45	0.15	
	Lintel Beam					0.00	
	South wall	1	11.60	0.15	0.15	0.26	
	west side wall	1	3.10	0.15	0.15	0.07	
	North & middle Ladies Toilet L/wall	1	4.05	0.15	0.15	0.09	
	wall b/n Gendes & ladies Toilet	1	5.00	0.15	0.15	0.11	
	wall b/n Gendes & school toilet , East	2	7.00	0.15	0.15	0.32	
	Gendes Toilet North wall	1	3.95	0.15	0.15	0.09	
	School toilet North wall	1	3.35	0.15	0.15	0.08	
	Roof Beam						
	South wall beam	1	11.60	0.20	0.23	0.53	
	west side wall	1	3.10	0.20	0.23	0.14	
	North & middle Ladies Toilet L/wall	1	4.05	0.20	0.23	0.19	
	wall b/n Gendes & ladies Toilet	1	5.00	0.20	0.23	0.23	
	wall b/n Gendes & school toilet , East	2	7.00	0.20	0.23	0.64	
	Gendes Toilet North wall	1	3.95	0.20	0.23	0.18	
	School toilet North wall	1	3.35	0.20	0.23	0.15	
	Contilever Beam	4	1.50	0.20	0.23	0.28	
	Column	8	0.45	0.20	3.15	2.27	
	Roof Slab						
	roof for Ladies toilet	1	3.50	4.05	0.15	2.13	
		1	1.20	2.20	0.15	0.40	
	roof for gends toilet	1	5.40	4.15	0.15	3.36	
		1	2.40	1.20	0.15	0.43	
	School toilet	1	7.40	4.90	0.15	5.44	
		1	5.80	1.50	0.15	1.31	
		1	8.00	0.45	0.15	0.54	
	For Sump					0.00	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	For Sump Roof Slab	1	3.00	3.50	0.15	1.58	
	For Sump bottom	1	3.00	3.50	0.05	0.53	
	terrace slopping concrete	1	3.10	3.85	0.075	0.90	
		1	1.20	2.00	0.075	0.18	
		1	5.00	4.15	0.075	1.56	
		1	2.00	1.20	0.075	0.18	
		1	7.00	4.90	0.075	2.57	
						55.09	**Cum**

Assistant Engineer
Ward No 13
21/06/2022

Assistante Executive Engineer
Shettyhalli Sub Division
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Continued.....

7	**Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for **plain chajja of 7.5 cms. average thickness**, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification						
	Chejja GF V1	3	1.50	0.45		2.03	
						2.03	**Sqm**

Assistant Engineer
Ward No 13
16/06/2022

Assistante Executive Engineer
Shettyhalli Sub Division
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8	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500						**46.83**
	Column						
	4/16mm (1.57kg/mt)	8	6		7.20	542.59	
	4/12mm (0.89kg/mt)	8	4		7.20	205.06	
	8mm Strps	8	36	1.30		146.02	
	8mm Strps	8	36	0.80		89.86	
	Column Matt 12mm (0.89kg/mt)	8	30	1.95		416.52	
	Plinth						
	South wall 20mm (2.46kg/m)	1	6	11.60		171.22	
	west side wall 20mm (2.46kg/m)	1	6	3.10		45.76	
	North & middle Ladies Toilet L/wall 20mm (2.46kg/m)	1	6	4.05		59.78	
		1	6	4.05		59.78	
	Ladies Toilet b/n wall 20mm (2.46kg/m)	2	6	1.20		35.42	
	wall b/n Gendes & ladies Toilet 20mm (2.46kg/m)	1	6	5.00		73.80	
	Gendes Toilet b/n wall 20mm (2.46kg/m)	1	6	1.20		17.71	
	Collection room S/w 20mm (2.46kg/m)	1	6	1.60		23.62	
	Collection room L/w 20mm (2.46kg/m)	1	6	2.05		30.26	
	wall b/n Gendes & school toilet , East 20mm (2.46kg/m)	2	6	7.00		206.64	
	Gendes Toilet North wall 20mm (2.46kg/m)	1	6	3.95		58.30	

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01/06/22

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Sl No	Description of Items	No	L	B	D	Qty	Unit
	School toilet North wall 20mm (2.46kg/m)	1	6	3.35		49.45	
	School toilet middle wall 20mm (2.46kg/m)	2	6	7.00		206.64	
	School toilet b/n wall 20mm (2.46kg/m)	4	6	1.20		70.85	
	School toilet b/n Boys And girl wall 20mm (2.46kg/m)	1	6	1.65		24.35	
	8mm Strps	310		1.30		157.17	
	Lintel Beam						
	South wall 10mm (0.62kg/m)	1	6	11.60		43.15	
	west side wall 10mm (0.62kg/m)	1	6	3.10		11.53	
	North & middle Ladies Toilet L/wall 10mm (0.62kg/m)	1	6	4.05		15.07	
	wall b/n Gendes & ladies Toilet 10mm (0.62kg/m)	1	6	5.00		18.60	
	wall b/n Gendes & school toilet , East 10mm (0.62kg/m)	2	6	7.00		52.08	
	Gendes Toilet North wall 10mm (0.62kg/m)	1	6	3.95		14.69	
	School toilet North wall 10mm (0.62kg/m)	1	6	3.35		12.46	
	8mm Strps	210		0.60		49.14	
	Sump						
	10mm (0.62kg/m)	21		3.50		45.57	
		24		3.00		44.64	
	Roof Beam						
	South wall beam 20mm (2.46kg/m)	1	6	11.60		171.22	
	South wall beam 16mm (1.57kg/m)	1	2	11.60		36.42	
	west side wall 20mm (2.46kg/m)	1	6	3.10		45.76	
	North & middle Ladies Toilet L/wall 20mm (2.46kg/m)	1	6	4.05		59.78	
	wall b/n Gendes & ladies Toilet 20mm (2.46kg/m)	1	6	5.00		73.80	
	wall b/n Gendes & school toilet , East 20mm (2.46kg/m)	2	6	7.00		206.64	
	wall b/n Gendes & school toilet , East 16mm (1.57kg/m)	2	2	7.00		43.96	
	Gendes Toilet North wall 20mm (2.46kg/m)	1	6	3.95		58.30	
	School toilet North wall 20mm (2.46kg/m)	1	6	3.35		49.45	
	Contilever Beam 20mm (2.46kg/m)	4	6	1.50		88.56	
	Roof						
	roof for Ladies toilet 10mm (0.62kg/m)	28		4.05		70.31	
	roof for Ladies toilet 8mm (0.39kg/m)	32		3.50		43.68	
	10mm (0.62kg/m)	10		2.20		13.64	
	8mm (0.39kg/m)	18		1.20		8.42	
	roof for gends toilet 10mm (0.62kg/m)	44		4.15		113.21	
	8mm (0.39kg/m)	33		5.40		69.50	
	10mm (0.62kg/m)	10		2.20		13.64	
	8mm (0.39kg/m)	18		1.20		8.42	
	School toilet 10mm (0.62kg/m)	60		4.90		182.28	
	8mm (0.39kg/m)	40		7.40		115.44	
	10mm (0.62kg/m)	47		1.50		43.71	
	8mm (0.39kg/m)	12		5.80		27.14	
	Roof Extra bar	158		1.50		146.94	
						4687.94	
				Qty limited to		46.83	Ton

Assistant Engineer
Ward No 13
24/05/20 to 19/06/2020

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

9	**Providing and removing centering shuttering** strutting propping etc., and removal of form work for **columns,** pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	Column Footings	8	7.20		0.75	43.20	
	pedastal	8	2.40		1.00	19.20	
	Column	8	1.30		2.80	29.12	
						91.52	**Sqm**
				Qty limited to		**72.32**	**Sqm**

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

10	**Providing and removing centering shuttering** strutting propping etc., and removal of form work for sides and soffits of **beams beam houchings** cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification						
	Plinth beam						
	South wall	2	11.60		0.45	10.44	
	west side wall	2	3.10		0.45	2.79	
	North & middle Ladies Toilet L/wall	2	4.05		0.45	3.65	
		2	4.05		0.45	3.65	
	Ladies Toilet b/n wall	4	1.20		0.45	2.16	
	wall b/n Gendes & ladies Toilet	2	5.00		0.45	4.50	
	Gendes Toilet b/n wall	2	1.20		0.45	1.08	
	Collection room S/w	2	1.60		0.45	1.44	
	Collection room L/w	2	2.05		0.45	1.85	
	wall b/n Gendes & school toilet , East	4	7.00		0.45	12.60	
	Gendes Toilet North wall	2	3.95		0.45	3.56	
	School toilet North wall	2	3.35		0.45	3.02	
	School toilet middle wall	4	7.00		0.45	12.60	
	School toilet b/n wall	8	1.20		0.45	4.32	
	School toilet b/n Boys And girl wall	2	1.65		2.80	9.24	
	Lintel Beam					0.00	
	South wall	1	11.60		0.15	1.74	
	west side wall	1	3.10		0.15	0.47	
	North & middle Ladies Toilet L/wall	1	4.05		0.15	0.61	
	wall b/n Gendes & ladies Toilet	1	5.00		0.15	0.75	
	wall b/n Gendes & school toilet , East	2	7.00		0.15	2.10	
	Gendes Toilet North wall	1	3.95		0.15	0.59	
	School toilet North wall	1	3.35		0.15	0.50	
	Roof Beam					0.00	
	South wall beam	2	11.60		0.30	6.96	
	west side wall	2	3.10		0.30	1.86	
	North & middle Ladies Toilet L/wall	2	4.05		0.30	2.43	
	wall b/n Gendes & ladies Toilet	2	5.00		0.30	3.00	
	wall b/n Gendes & school toilet , East	4	7.00		0.30	8.40	
	Gendes Toilet North wall	2	3.95		0.30	2.37	
	School toilet North wall	2	3.35		0.30	2.01	
	Contilever Beam	8	1.50		0.30	3.60	
	roof side	2	11.60		0.15	3.48	
		2	7.00		0.15	2.10	
						119.84	**Sqm**

Sl No	Description of Items	No	L	B	D	Qty	Unit

Assistant Engineer 24/05/20 to 19/06/2020
Ward No 13

Assistante Executive Engineer
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Continued.....

11	**Providing and removing centering shuttering** strutting propping etc., for **chejjas**, corbels etc., including edges including cost of all materials, labour complete as per specifications **(Page No. 17 / Item No. 4.37, PWD SR 2018-19)**						
	Chejja GF V1	3	1.50	0.45		2.03	
						2.03	**Sqm**

Assistant Engineer 14/06/2020
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12	**Providing and removing centering, shuttering**, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs,**landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification						
	Roof Slab						
	roof for Ladies toilet	1	3.50	4.05		14.18	
		1	1.20	2.20		2.64	
	roof for gends toilet	1	5.40	4.15		22.41	
		1	2.40	1.20		2.88	
	School toilet	1	7.40	4.90		36.26	
		1	5.80	1.50		8.70	
		1	8.00	0.45		3.60	
	For Sump					0.00	
	For Sump Roof Slab	2	3.00	3.50		21.00	
						111.67	**Sqm**

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Continued.....

13	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.54,17 400x200x200mm						
	For Toilet Building						
	South wall	1	11.60		3.15	36.54	
	west side wall	1	3.10		3.15	9.77	
	North Ladies Toilet L/wall	1	4.05		3.15	12.76	
	wall b/n Gendes & ladies Toilet	1	5.00		3.15	15.75	
	wall b/n Gendes & school toilet , East	2	7.00		3.15	44.10	
	Gendes Toilet North wall	1	3.95		3.15	12.44	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	School toilet North wall	1	3.35		3.15	10.55	
	Parapet	2	11.60		0.90	20.88	
		2	8.50		0.90	15.30	
						0.00	
	Deductions						
	Main Door D	-4	1.05		2.10	-8.82	
	Ventilator V	-4	1.20		0.60	-2.88	
	Ventilator V1	-6	0.75		0.60	-2.70	
	Deduct For Column	-8	0.45		2.80	-10.08	
	Deduct For Column	-4	0.20		2.80	-2.24	
	window w	-1	0.90		1.20	-1.08	
	window w1	-2	0.45		1.20	-1.08	
						149.21	**Sqm**

Assistant Engineer
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Shettyhalli Sub Division

Continued.....

14	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc.,complete as per specifications.						
	North & middle Ladies Toilet L/wall	1	4.05		2.10	8.51	
	Ladies Toilet b/n wall	2	1.20		2.10	5.04	
	Gendes Toilet b/n wall	1	1.20		2.10	2.52	
	Collection room S/w	1	1.60		2.10	3.36	
	Collection room L/w	1	2.05		2.10	4.31	
	School toilet middle wall	2	7.00		2.10	29.40	
	School toilet b/n wall	4	1.20		2.10	10.08	
	School toilet b/n Boys And girl wall	1	1.65		2.10	3.47	
	Deduction					0.00	
	Door d2	-11	0.90		2.10	-20.79	
						45.89	**Sqm**

Assistant Engineer
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Continued.....

15	**Providing 18mm thick cement plaster in single coat with cement mortar 1:3**, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications						
	In side plastering						
	South wall	1	11.60		3.45	40.02	
	west side wall	1	3.10		3.45	10.70	
	North & middle Ladies Toilet L/wall	1	4.05		3.45	13.97	
		1	4.05		3.45	13.97	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	Ladies Toilet b/n wall	2	1.20		3.45	8.28	
	wall b/n Gendes & ladies Toilet	1	5.00		3.45	17.25	
	Gendes Toilet b/n wall	1	1.20		3.45	4.14	
	Collection room S/w	1	1.60		3.45	5.52	
	Collection room L/w	1	2.05		3.45	7.07	
	wall b/n Gendes & school toilet , East	2	7.00		3.45	48.30	
	Gendes Toilet North wall	1	3.95		3.45	13.63	
	School toilet North wall	1	3.35		3.45	11.56	
	School toilet middle wall	2	7.00		3.45	48.30	
	School toilet b/n wall	4	1.20		3.45	16.56	
	School toilet b/n Boys And girl wall	1	1.65		3.45	5.69	
	Deduction					0.00	
	Main Door D	-4	1.05		2.10	-8.82	
	Door d2	-11	0.90		2.10	-20.79	
	Ventilator V	-4	1.20		0.60	-2.88	
	Ventilator V1	-6	0.75		0.60	-2.70	
	window w	-1	0.90		1.20	-1.08	
	window w1	-2	0.45		1.20	-1.08	
						227.61	**Sqm**

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Continued.....

16	**Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling** incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification .						
	Ceiling						
	roof for Ladies toilet	1	3.50	4.05		14.18	
		1	1.20	2.20		2.64	
	roof for gends toilet	1	5.40	4.15		22.41	
		1	2.40	1.20		2.88	
	School toilet	1	7.40	4.90		36.26	
		1	5.80	1.50		8.70	
		1	8.00	0.45		3.60	
	Sump	2	3.00	3.50		21.00	
	Chajja	3	1.50	0.45		2.03	
						113.69	**Sqm**

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Continued.....

17	**Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	

Sl No	Description of Items	No	L	B	D	Qty	Unit
	OutSide Plastering						
	L/wall	2	11.60		4.80	111.36	
	S/wall	2	7.60		4.80	72.96	
	Parapet inside	2	13.15		1.35	35.51	
		2	8.85		1.35	23.90	
	Sump wall	4	3.00		2.10	25.20	
	Sump bottom	4	3.50		2.10	29.40	
	Deductions						
	Main Door D	-2	1.05		2.10	-4.41	
	D1	-10	0.90		2.10	-18.90	
	Ventilator V	-10	0.75		0.60	-4.50	
						270.51	**Sqm**
				Qty limited to		**270.30**	**Sqm**

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18	**Providing lime rendering for plastering** to wall and ceiling, including cost of materials, labour, curing complete as per specifications,						
	roof for Ladies toilet	1	3.50	4.05		14.18	
		1	1.20	2.20		2.64	
	roof for gends toilet	1	5.40	4.15		22.41	
		1	2.40	1.20		2.88	
	School toilet	1	7.40	4.90		36.26	
		1	5.80	1.50		8.70	
		1	8.00	0.45		3.60	
	South wall	1	11.60		1.05	12.18	
	west side wall	1	3.10		1.05	3.26	
	North Ladies Toilet L/wall	1	4.05		1.05	4.25	
	wall b/n Gendes & ladies Toilet	1	5.00		1.05	5.25	
	wall b/n Gendes & school toilet , East	2	7.00		1.05	14.70	
	Gendes Toilet North wall	1	3.95		1.05	4.15	
	School toilet North wall	1	3.35		1.05	3.52	
						137.97	**Sqm**

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Continued.....

19	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered -(a) 100% for fresh surface						
		Qty same as Item No 18				137.97	
						137.97	**Sqm**